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Conductive fibre for working wear use - prepd. by dyeing polyester fibre with cationic dye, dipping in liq. contg. oxidiser and monomer forming electron conjugated system polymer
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Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
JP 3294580	A	19911225				199208	B
JP 95026333	B2	19950322	JP 9093918	A	19900411	199516	

Priority Applications (Number Kind Date): JP 9093918 A (19900411)

Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
JP 95026333	B2		4	D06M-015/356	Based on patent JP 3294580

Abstract:

JP 3294580 A

Fibre is obtd. by dyeing a polyester fibre with a cationic dye, then dipping into a treatment liq. contg. oxidn. polymerizing agent and monomer electron conjugated system polymer. Electron conjugated system polymer is then used to prepare a composite polyester fibre.

Polyester fibre is pref. e.g., staple fibre, multifilament, spun yarn, woven fabric, nonwoven fabric, knitted fabric. Polyester fibre may contain less than 50 wt.% of fibre eg. nylon, acryl, cation dyeable polyester, PVA, cellulose, wool, silk, cotton, polyethylene or polybutylene. Composite fibre may be sea island type, core sheath type, split type, side by side type or alternate arrangement type. Prod. may be cation dyeable polyester fibre. Monomer is pref pyrrole, thiophene, furan, indole or derivs. such as N-methyl pyrrole, 3-methyl pyrrole, 3-methyl thiophene, 3-methyl furan, 3-methyl indole.

USE/ADVANTAGE - Conductive fibre is useful for a working wear used in IC mfg. factory. Conductive fibre has good durable conductivity. 92026624

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